

STUDYING PERILS FACED BY HERRING

Scientists Conduct Investigation in Orkney.

Kirkwall, Orkney Islands.—An expedition of naturalists is investigating from here the greatest of natural mysteries—how a herring ever gets to the dinner table.

Millions of herrings are caught, eaten and released every year. But scientists know that many more millions rarely ever pass the spawning size, and equal millions never get to adolescence, yet they travel in such numbers that they have been known to stop a steamship.

They are the prey of all other fish and human beings from the cradle to the stomach, and yet they are the pests of their own world.

The expedition has devoted two years investigating the habits and trials of the herring in their "alma mater," the Orkney Islands and adjacent waters. The scientists have learned there are enough father and mother herrings to supply the world's supply each year. This spaw is awaited by millions of fish, mostly grey codlings, who follow and float themselves on the choice caviar thus provided.

The codling, polyphagous, many other varieties get their substance for weeks by sucking the herring spaw from the rocks and other places in which they nestle.

Despite these marauders, the adhesive eggs survive the incubation period and produce swimming masses of tiny threadlike larvae.

All things work against the herring. It becomes the prey of the herring more easily than any other fish, for the trawler is led directly to the herring shoals by the other and larger fish.

KICKS CAUSE A SUIT
Kicks on \$200,000 legs are the basis of a suit started in the Supreme court, New York city, by Thalia L. P. Daner, who charges she is ejected from a New York hotel and that private detectives injured the legs she is suing for \$200,000, and Thalia is suing for \$200,000.

Performing Operation
With Kitchen Knife
Ankles of N. Z.—Dr. Walter Bremner, who has been in London recently, has performed an operation on a woman who was stricken with appendicitis. Dr. Bremner used a kitchen knife in the operation, which was successful.

Find Cancer Withers
With Oxygen Removed
Berlin.—That the growth of a cancer is fostered by oxygen is the belief advanced by Prof. Otto Warburg, head of the Kaiser Wilhelm Biological Institute here.

English Geese Guard
Stables Like Watch Dogs
London.—A man visiting a dog house in some stables at Canning Town recently found his way barred by two large geese which guarded the entrance. All his efforts to pass were unavailing and the two "sentinels" barked and snorted and swayed their heads in a most menacing manner.

SCARRED SCIENTIST RENEWES X-RAY FIGHT

Survivor of 72 Operations Taunts Old Enemy.

Baltimore, Md.—Dr. Frederick Henry Baerle, professor of roentgenology at Johns Hopkins medical school, is back at his big game of tag with the venerable slave he is taunting—X-rays.

The "last of the old guard"—with the scars of the latest of more than three years of operations—scarred, healed—Baerle is rounding out a quarter century of dueling with the dragon that stays in his fight until the ray's searing thrusts finally break down the defense of modern surgery.

Burns Eat Body.
Incisions X-ray burns slowly are eating his body away. They have taken seven of his fingers and one of his thumbs, and the glands from his right arm and shoulder. Seventy-two times he has been burned, and as many times has Doctor Baerle's medical colleagues succeeded in staving off the attack. But each burn has left its mark.

Doctor Baerle is daring a demon that has slain many of his early co-workers in contemporary. One of the last to die was Prof. J. Bergonie, an outstanding authority whose work had been contemporary with Doctor Baerle's. Surgeons see a life like waiting for the X-ray.

By 1909 he had lost four fingers—only one finger and one thumb remain. In 1914 the glands at the junction of the right arm and shoulder were removed to save the arm from advancing infection.

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RARE OPERATION SAVES GIRL'S LIFE

Food Enters Her Stomach Through a Tube.

Indianapolis, Ind.—A long fight for the life of thirteen-year-old Beatrice McCray of Rushville, Ind., has been won and the girl will live and thrive, as the result of a daring and unusual operation.

Food is taken into the girl's stomach through a tube through the chest connected with the stomach. The child, ten years ago, swallowed a quantity of live and the scars in the passage from her mouth had become so constricted that it was impossible for solid food to pass.

To keep her from starving, a severe operation diffusing the passage from the mouth was performed forty-three times, records show.

This operation was so painful that a general anesthesia was necessary each time. Following the operation the girl would be able to take food for a time until the burn scars again would close the passage.

The child had suffered the pangs of hunger many times and she had learned to know the horror of a painful stage of the operation.

The nature of the operation to whom the operation was entrusted was not made public. The operation was carried out by making an incision through the chest wall and stitching an opening in the stomach wall to the borders of this incision, leaving an opening to the stomach from the exterior.

For several days after the operation the life of the little patient hung in the balance, but with the aid of the wound, and the introduction of food through the new route, recovery was rapid. During the last few days, before leaving the hospital, Beatrice gained weight at the rate of a pound a day.

GIVES UP K. P. JOB
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